

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L1    | 71   | (fiber near end) with (angl\$3) with ((minimiz\$3 or reduc\$3) near2 (reflection or loss)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/01/03 15:55 |
| L2    | 2100 | 385/33.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/01/03 15:56 |
| L3    | 10   | 1 and 2  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/01/03 16:11 |
| L4    | 4    | (melt\$3 or draw\$3 or addi\$4) with (fiber near2 end) with lens with (round\$3)           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/01/03 16:25 |
| L5    | 52   | (optic\$2 near fiber) with (advantage) with (polari\$6 near (hold\$3 or maintain\$3))      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/01/03 16:26 |
| S1    | 2    | "20050201701"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/12/22 18:56 |
| S3    | 6    | ("6317265" "6130972" "5293438").<br>pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/12/23 13:52 |
| S4    | 4    | "2001005440"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/12/23 10:55 |

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| S5  | 1001 | firth.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/23 10:57 |
| S6  | 2    | S5 and "385"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/23 11:09 |
| S7  | 2    | "5457759".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/23 11:10 |
| S9  | 10   | ((grad\$3 near index) adj fiber) and<br>(silica adj fiber) and (beam with<br>expan\$4)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/23 17:02 |
| S11 | 72   | ((grad\$3 near index) or "grin" or<br>(square\$1low) or (square adj low))<br>near2 (fiber or lens)) and ((silica or<br>coreless) near2 fiber) and (beam<br>with expan\$4) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/23 17:02 |
| S12 | 62   | S11 not S9  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/23 16:39 |
| S13 | 2    | ("6014483").pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/23 17:06 |
| S14 | 2    | ("6130972").pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/23 17:20 |

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| S15 | 74   | (((((grad\$3 or gradient) near index) or "grin" or (square\$1low) or (square adj low)) near2 (fiber or lens)) and ((silica or coreless) near2 fiber) and (beam with expan\$4)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/27 16:37 |
| S16 | 2    | S15 not S11  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/23 17:03 |
| S17 | 17   | (((((grad\$3 or gradient) near index) or "grin" or (square\$1low) or (square adj low)) near2 (fiber or lens)) with (attach\$3 or fus\$3 or join\$3 or splic\$3) with ((silica or coreless) near2 fiber)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/23 17:47 |
| S18 | 34   | (((((grad\$3 or gradient) near index) or "grin" or (square\$1low) or (square adj low)) near2 (fiber or lens)) same (attach\$3 or fus\$3 or join\$3 or splic\$3) same ((silica or coreless) near2 fiber)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/23 17:47 |
| S19 | 123  | (((((grad\$5) near index) or "grin" or (square\$1low) or (square adj low) or (square\$1law) or (square adj law)) near2 (fiber or lens)) and ((silica or coreless) near2 fiber) and ((beam or mode or core) with (expan\$4 or enlarg\$5 or widen\$3)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/27 16:48 |
| S20 | 74   | (((((grad\$3 or gradient) near index) or "grin" or (square\$1low) or (square adj low)) near2 (fiber or lens)) and ((silica or coreless) near2 fiber) and (beam with expan\$4)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/27 16:40 |
| S21 | 49   | S19 not S20  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/27 16:40 |
| S22 | 1232 | (((((grad\$5) near index) or "grin" or (square\$1low) or (square adj low) or (square\$1law) or (square adj law)) near2 (fiber or lens)) and ((beam or mode or core) with (expan\$4 or enlarg\$5 or widen\$3))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/27 16:49 |

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| S23 | 1109 | S22 not S19 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/27 16:49 |
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